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## RAW SEQUENCE LISTING

DATE: 04/23/2004

PATENT APPLICATION: US/09/745,792A

TIME: 11:01:36

Input Set : A:\99-107 corrected sequence listing.txt

Output Set: N:\CRF4\04232004\I745792A.raw

4 <110> APPLICANT: Foster, Donald C.  
 5 Xu, Wenfeng  
 6 Madden, Karen L.  
 7 Kelly, James D.  
 8 Sprecher, Cindy A.  
 9 Brandt, Cameron S.  
 10 Rixon, Mark W.  
 11 Presnell, Scott R.  
 12 Fox, Brian A.  
 14 <120> TITLE OF INVENTION: Soluble Interleukin-20 Receptor  
 16 <130> FILE REFERENCE: 99-107  
 -> 18 <140> CURRENT APPLICATION NUMBER: US/09/745,792A  
 -> 18 <141> CURRENT FILING DATE: 2000-12-22  
 18 <150> PRIOR APPLICATION NUMBER: 60/171,966  
 19 <151> PRIOR FILING DATE: 1999-12-23  
 21 <150> PRIOR APPLICATION NUMBER: 60/213,416  
 22 <151> PRIOR FILING DATE: 2000-06-22  
 24 <160> NUMBER OF SEQ ID NOS: 72  
 26 <170> SOFTWARE: FastSEQ for Windows Version 3.0  
 28 <210> SEQ ID NO: 1  
 29 <211> LENGTH: 176  
 30 <212> TYPE: PRT  
 31 <213> ORGANISM: Homo sapiens  
 33 <400> SEQUENCE: 1  
 34 Met Lys Ala Ser Ser Leu Ala Phe Ser Leu Leu Ser Ala Ala Phe Tyr  
 35 1 5 10 15  
 36 Leu Leu Trp Thr Pro Ser Thr Gly Leu Lys Thr Leu Asn Leu Gly Ser  
 37 20 25 30  
 38 Cys Val Ile Ala Thr Asn Leu Gln Glu Ile Arg Asn Gly Phe Ser Asp  
 39 35 40 45  
 40 Ile Arg Gly Ser Val Gln Ala Lys Asp Gly Asn Ile Asp Ile Arg Ile  
 41 50 55 60  
 42 Leu Arg Arg Thr Glu Ser Leu Gln Asp Thr Lys Pro Ala Asn Arg Cys  
 43 65 70 75 80  
 44 Cys Leu Leu Arg His Leu Leu Arg Leu Tyr Leu Asp Arg Val Phe Lys  
 45 85 90 95  
 46 Asn Tyr Gln Thr Pro Asp His Tyr Thr Leu Arg Lys Ile Ser Ser Leu  
 47 100 105 110  
 48 Ala Asn Ser Phe Leu Thr Ile Lys Lys Asp Leu Arg Leu Cys His Ala  
 49 115 120 125  
 50 His Met Thr Cys His Cys Gly Glu Glu Ala Met Lys Lys Tyr Ser Gln  
 51 130 135 140  
 52 Ile Leu Ser His Phe Glu Lys Leu Glu Pro Gln Ala Ala Val Val Lys

ENTERED

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53 145          150          155          160
54 Ala Leu Gly Glu Leu Asp Ile Leu Leu Gln Trp Met Glu Glu Thr Glu
55          165          170          175
57 <210> SEQ ID NO: 2
58 <211> LENGTH: 152
59 <212> TYPE: PRT
60 <213> ORGANISM: Homo sapiens
62 <400> SEQUENCE: 2
63 Leu Lys Thr Leu Asn Leu Gly Ser Cys Val Ile Ala Thr Asn Leu Gln
64 1          5          10          15
65 Glu Ile Arg Asn Gly Phe Ser Asp Ile Arg Gly Ser Val Gln Ala Lys
66          20          25          30
67 Asp Gly Asn Ile Asp Ile Arg Ile Leu Arg Arg Thr Glu Ser Leu Gln
68          35          40          45
69 Asp Thr Lys Pro Ala Asn Arg Cys Cys Leu Leu Arg His Leu Leu Arg
70          50          55          60
71 Leu Tyr Leu Asp Arg Val Phe Lys Asn Tyr Gln Thr Pro Asp His Tyr
72          65          70          75          80
73 Thr Leu Arg Lys Ile Ser Ser Leu Ala Asn Ser Phe Leu Thr Ile Lys
74          85          90          95
75 Lys Asp Leu Arg Leu Cys His Ala His Met Thr Cys His Cys Gly Glu
76          100         105         110
77 Glu Ala Met Lys Lys Tyr Ser Gln Ile Leu Ser His Phe Glu Lys Leu
78          115         120         125
79 Glu Pro Gln Ala Ala Val Val Lys Ala Leu Gly Glu Leu Asp Ile Leu
80          130         135         140
81 Leu Gln Trp Met Glu Glu Thr Glu
82 145          150
84 <210> SEQ ID NO: 3
85 <211> LENGTH: 151
86 <212> TYPE: PRT
87 <213> ORGANISM: Homo sapiens
89 <400> SEQUENCE: 3
90 Met Lys Ala Ser Ser Leu Ala Phe Ser Leu Leu Ser Ala Ala Phe Tyr
91 1          5          10          15
92 Leu Leu Trp Thr Pro Ser Thr Gly Leu Lys Thr Leu Asn Leu Gly Ser
93          20          25          30
94 Cys Val Ile Ala Thr Asn Leu Gln Glu Ile Arg Asn Gly Phe Ser Asp
95          35          40          45
96 Ile Arg Gly Ser Val Gln Ala Lys Asp Gly Asn Ile Asp Ile Arg Ile
97          50          55          60
98 Leu Arg Arg Thr Glu Ser Leu Gln Asp Thr Lys Pro Ala Asn Arg Cys
99          65          70          75          80
100 Cys Leu Leu Arg His Leu Leu Arg Leu Tyr Leu Asp Arg Val Phe Lys
101          85          90          95
102 Asn Tyr Gln Thr Pro Asp His Tyr Thr Leu Arg Lys Ile Ser Ser Leu
103          100         105         110
104 Ala Asn Ser Phe Leu Thr Ile Lys Lys Asp Leu Arg Leu Cys Leu Glu
105          115         120         125

```

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106  Pro Gln Ala Ala Val Val Lys Ala Leu Gly Glu Leu Asp Ile Leu Leu
107      130                      135                      140
108  Gln Trp Met Glu Glu Thr Glu
109      145                      150
111 <210> SEQ ID NO: 4
112 <211> LENGTH: 127
113 <212> TYPE: PRT
114 <213> ORGANISM: Homo sapiens
116 <400> SEQUENCE: 4
117  Leu Lys Thr Leu Asn Leu Gly Ser Cys Val Ile Ala Thr Asn Leu Gln
118      1          5          10          15
119  Glu Ile Arg Asn Gly Phe Ser Asp Ile Arg Gly Ser Val Gln Ala Lys
120      20          25          30
121  Asp Gly Asn Ile Asp Ile Arg Ile Leu Arg Arg Thr Glu Ser Leu Gln
122      35          40          45
123  Asp Thr Lys Pro Ala Asn Arg Cys Cys Leu Leu Arg His Leu Leu Arg
124      50          55          60
125  Leu Tyr Leu Asp Arg Val Phe Lys Asn Tyr Gln Thr Pro Asp His Tyr
126      65          70          75          80
127  Thr Leu Arg Lys Ile Ser Ser Leu Ala Asn Ser Phe Leu Thr Ile Lys
128      85          90          95
130  Lys Asp Leu Arg Leu Cys Leu Glu Pro Gln Ala Ala Val Val Lys Ala
131      100         105         110
132  Leu Gly Glu Leu Asp Ile Leu Leu Gln Trp Met Glu Glu Thr Glu
133      115         120         125
135 <210> SEQ ID NO: 5
136 <211> LENGTH: 176
137 <212> TYPE: PRT
138 <213> ORGANISM: Mus musculus
140 <400> SEQUENCE: 5
141  Met Lys Gly Phe Gly Leu Ala Phe Gly Leu Phe Ser Ala Val Gly Phe
142      1          5          10          15
143  Leu Leu Trp Thr Pro Leu Thr Gly Leu Lys Thr Leu His Leu Gly Ser
144      20          25          30
145  Cys Val Ile Thr Ala Asn Leu Gln Ala Ile Gln Lys Glu Phe Ser Glu
146      35          40          45
147  Ile Arg Asp Ser Val Gln Ala Glu Asp Thr Asn Ile Asp Ile Arg Ile
148      50          55          60
149  Leu Arg Thr Thr Glu Ser Leu Lys Asp Ile Lys Ser Leu Asp Arg Cys
150      65          70          75          80
151  Cys Phe Leu Arg His Leu Val Arg Phe Tyr Leu Asp Arg Val Phe Lys
152      85          90          95
153  Val Tyr Gln Thr Pro Asp His His Thr Leu Arg Lys Ile Ser Ser Leu
154      100         105         110
155  Ala Asn Ser Phe Leu Ile Ile Lys Lys Asp Leu Ser Val Cys His Ser
156      115         120         125
157  His Met Ala Cys His Cys Gly Glu Glu Ala Met Glu Lys Tyr Asn Gln
158      130         135         140
159  Ile Leu Ser His Phe Ile Glu Leu Glu Leu Gln Ala Ala Val Val Lys

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```

160 145          150          155          160
161 Ala Leu Gly Glu Leu Gly Ile Leu Leu Arg Trp Met Glu Glu Met Leu
162          165          170          175
164 <210> SEQ ID NO: 6
165 <211> LENGTH: 152
166 <212> TYPE: PRT
167 <213> ORGANISM: Mus musculus
169 <400> SEQUENCE: 6
170 Leu Lys Thr Leu His Leu Gly Ser Cys Val Ile Thr Ala Asn Leu Gln
171 1          5          10          15
173 Ala Ile Gln Lys Glu Phe Ser Glu Ile Arg Asp Ser Val Gln Ala Glu
174          20          25          30
175 Asp Thr Asn Ile Asp Ile Arg Ile Leu Arg Thr Thr Glu Ser Leu Lys
176          35          40          45
177 Asp Ile Lys Ser Leu Asp Arg Cys Cys Phe Leu Arg His Leu Val Arg
178          50          55          60
179 Phe Tyr Leu Asp Arg Val Phe Lys Val Tyr Gln Thr Pro Asp His His
180          65          70          75          80
181 Thr Leu Arg Lys Ile Ser Ser Leu Ala Asn Ser Phe Leu Ile Ile Lys
182          85          90          95
183 Lys Asp Leu Ser Val Cys His Ser His Met Ala Cys His Cys Gly Glu
184          100         105         110
185 Glu Ala Met Glu Lys Tyr Asn Gln Ile Leu Ser His Phe Ile Glu Leu
186          115         120         125
187 Glu Leu Gln Ala Ala Val Val Lys Ala Leu Gly Glu Leu Gly Ile Leu
188          130         135         140
189 Leu Arg Trp Met Glu Glu Met Leu
190 145          150
192 <210> SEQ ID NO: 7
193 <211> LENGTH: 144
194 <212> TYPE: PRT
195 <213> ORGANISM: Mus musculus
197 <400> SEQUENCE: 7
198 Cys Val Ile Thr Ala Asn Leu Gln Ala Ile Gln Lys Glu Phe Ser Glu
199 1          5          10          15
200 Ile Arg Asp Ser Val Gln Ala Glu Asp Thr Asn Ile Asp Ile Arg Ile
201          20          25          30
202 Leu Arg Thr Thr Glu Ser Leu Lys Asp Ile Lys Ser Leu Asp Arg Cys
203          35          40          45
204 Cys Phe Leu Arg His Leu Val Arg Phe Tyr Leu Asp Arg Val Phe Lys
205          50          55          60
206 Val Tyr Gln Thr Pro Asp His His Thr Leu Arg Lys Ile Ser Ser Leu
207          65          70          75          80
208 Ala Asn Ser Phe Leu Ile Ile Lys Lys Asp Leu Ser Val Cys His Ser
209          85          90          95
210 His Met Ala Cys His Cys Gly Glu Glu Ala Met Glu Lys Tyr Asn Gln
211          100         105         110
212 Ile Leu Ser His Phe Ile Glu Leu Glu Leu Gln Ala Ala Val Val Lys
213          115         120         125

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```

214  Ala Leu Gly Glu Leu Gly Ile Leu Leu Arg Trp Met Glu Glu Met Leu
215      130                      135                      140
217 <210> SEQ ID NO: 8
218 <211> LENGTH: 154
219 <212> TYPE: PRT
220 <213> ORGANISM: Mus musculus
222 <400> SEQUENCE: 8
223  Met Lys Gly Phe Gly Leu Ala Phe Gly Leu Phe Ser Ala Val Gly Phe
224      1                      5                      10                      15
225  Leu Leu Trp Thr Pro Leu Thr Gly Leu Lys Thr Leu His Leu Gly Ser
226      20                      25                      30
227  Cys Val Ile Thr Ala Asn Leu Gln Ala Ile Gln Lys Glu Phe Ser Glu
228      35                      40                      45
229  Ile Arg Asp Ser Val Ser Leu Asp Arg Cys Cys Phe Leu Arg His Leu
230      50                      55                      60
231  Val Arg Phe Tyr Leu Asp Arg Val Phe Lys Val Tyr Gln Thr Pro Asp
232      65                      70                      75                      80
233  His His Thr Leu Arg Lys Ile Ser Ser Leu Ala Asn Ser Phe Leu Ile
234      85                      90                      95
235  Ile Lys Lys Asp Leu Ser Val Cys His Ser His Met Ala Cys His Cys
236      100                     105                     110
237  Gly Glu Glu Ala Met Glu Lys Tyr Asn Gln Ile Leu Ser His Phe Ile
238      115                     120                     125
239  Glu Leu Glu Leu Gln Ala Ala Val Val Lys Ala Leu Gly Glu Leu Gly
240      130                     135                     140
241  Ile Leu Leu Arg Trp Met Glu Glu Met Leu
242      145                     150
244 <210> SEQ ID NO: 9
245 <211> LENGTH: 130
246 <212> TYPE: PRT
247 <213> ORGANISM: Homo sapiens
249 <400> SEQUENCE: 9
250  Leu Lys Thr Leu His Leu Gly Ser Cys Val Ile Thr Ala Asn Leu Gln
251      1                      5                      10                      15
252  Ala Ile Gln Lys Glu Phe Ser Glu Ile Arg Asp Ser Val Ser Leu Asp
253      20                      25                      30
254  Arg Cys Cys Phe Leu Arg His Leu Val Arg Phe Tyr Leu Asp Arg Val
255      35                      40                      45
256  Phe Lys Val Tyr Gln Thr Pro Asp His His Thr Leu Arg Lys Ile Ser
257      50                      55                      60
259  Ser Leu Ala Asn Ser Phe Leu Ile Ile Lys Lys Asp Leu Ser Val Cys
260      65                      70                      75                      80
261  His Ser His Met Ala Cys His Cys Gly Glu Glu Ala Met Glu Lys Tyr
262      85                      90                      95
263  Asn Gln Ile Leu Ser His Phe Ile Glu Leu Glu Leu Gln Ala Ala Val
264      100                     105                     110
265  Val Lys Ala Leu Gly Glu Leu Gly Ile Leu Leu Arg Trp Met Glu Glu
266      115                     120                     125
267  Met Leu

```

**VERIFICATION SUMMARY**

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TIME: 11:01:37

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18 M:270 C: Current Application Number differs, Replaced Current Application No

18 M:271 C: Current Filing Date differs, Replaced Current Filing Date